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Tyr	Leu	Ala	Ile	Ser	Ile	Ser	Val	Thr	Lys	Lys	Ala	Ala	Ser	Trp	Glu
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ggg	aag	aaa	gcg	ttt	gaa	aag	gca	tca	tgc	cct	agc	tgt	tcc	cac	ctg	509
Gly	Lys	Lys	Ala	Phe	Glu	Lys	Ala	Ser	Cys	Pro	Ser	Cys	Ser	His	Leu	
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Thr Leu Lys Val Glu Phe Ser Ser Thr Val Val Glu Tyr Glu Tyr Ile	
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Val Ala Phe Asn Gly Tyr Phe Thr Ala Lys Ala Arg Asn Ser Phe Ile	
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tca agt gct ctg aaa agc agt gaa gta gac aac tgg aga att ata cct	653
Ser Ser Ala Leu Lys Ser Ser Glu Val Asp Asn Trp Arg Ile Ile Pro	
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Arg Asn Asn Pro Ser Ser Asp Tyr Pro Ser Asp Phe Glu Val Ile Gln	
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Ile Lys Glu Lys Gln Lys Ala Gly Leu Leu Thr Leu Glu Asp His Pro	
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Phe Ala Glu Ser Asp Pro Ile Val Pro Cys Asn Glu Thr Arg Trp Ser	
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Gln Lys Trp Gln Ser Ser Arg Pro Leu Arg Arg Ala Ser Leu Ser Leu	
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Asp Thr Gly Leu Ser Glu Lys His Pro His Phe Lys Asn Val Lys Glu	
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Arg Thr Asn Trp Thr Asn Glu Arg Thr Leu Asp Asp Gly Leu Gly His	
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Leu	Lys	Lys	Ile	Asp	Val	Leu	Asn	Leu	Ser	Ile	Gly	Gly	Pro	Asp	Phe	
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Val	Lys	Gln	Ala	Leu	Ile	Ala	Ser	Ala	Arg	Arg	Leu	Pro	Gly	Val	Asn	
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Ile	Leu	Ser	Ser	Tyr	Lys	Pro	Gln	Ala	Ser	Leu	Ser	Pro	Ser	Tyr	Ile	
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Lys Lys Ala Ala Ser Trp Glu Gly Ile Ala Gln Gly His Ile Met Ile	
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Pro Pro Gly Tyr Phe Pro Arg Asp Asn Leu Arg Met Lys Asn Asp Pro	
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Phe Thr Cys Phe Asp Ala Thr Gln Tyr Gly Thr Leu Leu Met Val Asp	
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cct gga ggg atc atg cct ggc cgc tac aac caa gag gtg ggc cag acc 3389
Pro Gly Gly Ile Met Pro Gly Arg Tyr Asn Gln Glu Val Gly Gln Thr
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Ile Pro Val Phe Ala Phe Leu Gly Ala Met Val Ala Leu Ala Phe Phe
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Arg Ala Lys Arg Pro Gln Leu Thr Gln Gln Thr His Pro Pro Arg Thr
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 Thr Gly Arg His Ser Ser Arg Arg Leu Leu Arg Ala Ile Pro Arg Gln
 180 185 190
 Val Ala Gln Thr Leu Gln Ala Asp Val Leu Trp Gln Met Gly Tyr Thr
 195 200 205
 Gly Ala Asn Val Arg Val Ala Val Phe Asp Thr Gly Leu Ser Glu Lys
 210 215 220
 His Pro His Phe Lys Asn Val Lys Glu Arg Thr Asn Trp Thr Asn Glu
 225 230 235 240
 Arg Thr Leu Asp Asp Gly Leu Gly His Gly Thr Phe Val Ala Gly Val
 245 250 255
 Ile Ala Ser Met Arg Glu Cys Gln Gly Phe Ala Pro Asp Ala Glu Leu
 260 265 270
 His Ile Phe Arg Val Phe Thr Asn Asn Gln Val Ser Tyr Thr Ser Trp
 275 280 285
 Phe Leu Asp Ala Phe Asn Tyr Ala Ile Leu Lys Lys Ile Asp Val Leu
 290 295 300
 Asn Leu Ser Ile Gly Gly Pro Asp Phe Met Asp His Pro Phe Val Asp
 305 310 315 320
 Lys Val Trp Glu Leu Thr Ala Asn Asn Val Ile Met Val Ser Ala Ile
 325 330 335
 Gly Asn Asp Gly Pro Leu Tyr Gly Thr Leu Asn Asn Pro Ala Asp Gln
 340 345 350
 Met Asp Val Ile Gly Val Gly Gly Ile Asp Phe Glu Asp Asn Ile Ala
 355 360 365
 Arg Phe Ser Ser Arg Gly Met Thr Thr Trp Glu Leu Pro Gly Gly Tyr
 370 375 380
 Gly Arg Val Lys Pro Asp Ile Val Thr Tyr Gly Ala Gly Val Arg Gly
 385 390 395 400
 Ser Gly Val Lys Gly Gly Cys Arg Ala Leu Ser Gly Thr Ser Val Ala
 405 410 415
 Ser Pro Val Val Ala Gly Ala Val Thr Leu Leu Val Ser Thr Val Gln
 420 425 430
 Lys Arg Glu Leu Val Asn Pro Ala Ser Val Lys Gln Ala Leu Ile Ala
 435 440 445
 Ser Ala Arg Arg Leu Pro Gly Val Asn Met Phe Glu Gln Gly His Gly
 450 455 460
 Lys Leu Asp Leu Leu Arg Ala Tyr Gln Ile Leu Ser Ser Tyr Lys Pro
 465 470 475 480
 Gln Ala Ser Leu Ser Pro Ser Tyr Ile Asp Leu Thr Glu Cys Pro Tyr
 485 490 495
 Met Trp Pro Tyr Cys Ser Gln Pro Ile Tyr Tyr Gly Gly Met Pro Thr
 500 505 510